MADES Foup Art Unit: 2673

PATENT Docket No.: CLRV-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: Not Yet Assigned ECEIVED

Serial No.: 10/051,612

Filed: January 16, 2002

MAY 1 3 2002

In re Application of: Elliott et al.

Technology Center 2600

For:

CONVERSION OF A SUB-PIXEL FORMAT DATA TO ANOTHER

SUB-PIXEL DATA FORMAT

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail, in an envelope addressed to Director of Patents, Washington, _, Signed_

EATHLUMA Stephanie Davis

TRANSMITTAL LETTER

Director of Patents Washington, D.C. 20231

Sir:

Enclosed please find the following:

- 1. Information Disclosure Statement:
- 2. Form PTO-1449;
- 3. Copies of 26 References.

In the event any additional fee is required for filing the above-noted document, including any fees required under 37 CFR 1.136 for any necessary Extension of Time to make the filing of attached document timely, the Assistant Commissioner is hereby authorized to charge the fee to our Deposit Account No.: 50-0612. A duplicate copy of this page is enclosed.

> Respectfully submitted. Sierra Patent Group, Ltd.

Dated: May 6, 2002

Nicole E. Coppes-Gathy Reg. No. 46,640

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Sierra Patent Group, Ltd. P.O. Box 6149 Stateline, NV 89449 (775) 586-9500

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Stephanie Davis

INFORMATION DISCLOSURE STATEMENT

Director of Patents Washington, D.C. 20231

Dear Sir:

Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached, may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application.

This Information Disclosure Statement under 37 CFR §§1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

Socket No.: CLRV-003

I

This statement is filed pursuant to:

(x) 37 C.F.R. §1.97(b).

This information disclosure statement is filed either (1) within three months of the filing date of the national applications; (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application; or (3) before the mailing date of a first office action on the merits, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

() 37 C.F.R. §1.97(c).

This information disclosure statement is filed after the period specified in 37 C.F.R. §1.97(b), but before the mailing date of either (1) a final action under 37 C.F.R. §1.113 or (2) a notice of allowance under 37 C.F.R. §1.311.

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17 (p) for submission of an information disclosure statement under 37 C.F.R. §1.97(c) (\$180), or a certification according to 37 C.F.R. §1.97(e).

() 37 C.F.R. §1.97(d).

This information disclosure statement is filed after the period specified in 37 C.F.R. §1.97(c).

Accordingly, this information disclosure statement requires the petition fee specified in 37 C.F.R. §1.17(i) (1) to consider an information disclosure statement under 37 C.F.R. § 1.97(d) (\$130), a certification according to 37 C.F.R. §1.97(e), and a petition requesting consideration of the information disclosure statement.

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. §1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

I

(X) No fee is due

- () The fee specified in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under 37 C.F.R. §1.97(c) is enclosed (\$240).
- () The petition fee specified in 37 C.F.R. § 1.17(i) (1) to consider an information disclosure statement under 37 C.F.R. § 1.97(d) is enclosed (\$130.00).

Pursuant to 37 C.F.R. §1.97(e), I certify:

- (X) No certification is necessary.
- () Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement.
- () (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c), more than three months prior to the filing of the statement.

Respectfully submitted, SIERRA PATENT GROUP, LTD.

Dated: May 6, 2002

Nicole E. Coppes-Gathy

Reg. No.: 46,640

Sierra Patent Group, Ltd. P.O. Box 6149 Stateline, NV 89449 (775) 586-9500



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Form PTO 1449 (Rev. 2-32)		U.S. Department of Commerce Patent and Trademark Office			CLRV-003			Serial No. 10/051,612					
	Infor	mation Disclosure S	plicant	Applicant: Elliott et al.									
		(Use several shee	ets if necessary)		Filed: January 16, 2002 Group: 2673								
	U.S. Patent Documents												
Init.	T	Document No.	Date	Name		Class	Subclass	Filing	Date				
	1	3,971,065	07/20/1976	Bayer	-	358	41	03/05/	1975				
	2	4,786,964	11/22/1988	Plummer et al.		358	44	02/02/	1987				
	3	4,886,343	12/12/1989	Johnson		350	335	06/20/	1988				
	4	4,920,409	04/24/1990	Yamagishi		358	56	06/20/	1988				
	5	4,967,264	10/30/1990	Parulski et al.		358	44	05/30/	1989				
	6	5,113,274	05/12/1992	Takahashi et al.		359	66	06/08/	1989				
	7	5,315,418	05/24/1994	Sprague et al.	-	359	41	06/17/	1992				
	8	5,334,996	08/02/1994	Tanigaki et al.		345	152	10/23/1990					
	9	5,341,153	08/23/1994	Benzschawel et al.		345	152	06/13/1988					
	10	5,398,066	03/14/1995	Martinez-Uriegas et al.		348	393	07/27/1993					
	11	5,541,653	07/30/1996	Peters et al.		348	264	03/10/	1995				
	12	5,561,460	10/01/1996	Katoh et al.		348	219	06/02/	1994				
	13	5,648,793	07/15/1997	Chen		345	96	01/08/	1992				
	14	5,754,226	05/19/1998	Yamada et al.		348	219	12/19/	1995				
	15	6,008,868	12/28/1999	Silverbrook		348	790	03/13/	1995				
	16	6,064,363	05/16/2000	Kwon		345	98	03/16/	1998				
	17	6,160,535	12/12/2000	Park		345	153	01/16/	1998				
	18	6,188,385	02/13/2001	Hill et al.		345	136	10/07/	1998				
		<u> </u>			<u> </u>								
	<u> </u>	I		Foreign Documents	<u> </u>	L	1	. 1					
								Tran	slation				
Init.		Document No.	Date	Country		Class	Subclass	Yes	No				
	19	EP 0 671 650	09/13/1995	Europe		H04N	9/30		Х				
	20	EP 0 878 969	11/18/1998	Europe		G02F	1/1343	1	X				
-	21	DE 199 23 527	11/23/2000	Germany		G09G	3/20		X				
Examiner						Date Considered							
Examine	Examiner: Initial if citation considered, whether or not citation is in conference with MPEP 609; Draw line through citation if												
not conformance and not considered. Include a copy of this form with the next communication to applicant.													

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Form PTO	1449	A. A. S.	Atty. Docket No.	Serial No.						
(Rev. 2-32		U.S. Salitatem of Commerce	CLRV-003	10/051,612						
-	•	Patent and Trademark Office	•							
Information Disclosure Statement by Applicant Applicant:										
			Elliott et al.							
		(Use several sheets if necessary)	Filed: January 16, 2002 Group: 2673							
	Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)									
	22	R. Martin et al., "Detectability of reduced blue pixel count in projection displays", Proceedings of the Society for Information Display Symposium Digest, pp. 606-609, May 1993.								
	23	C. Elliott, "Reducing Pixel Count without Reducing Image 25, December 1999.	deducing Pixel Count without Reducing Image Quality", <u>Information Display</u> , Vol. 15, pp. 22-							
,	24	C. Elliott, "Active Matrix Display Layout Optimization for Sub-pixel Image Rendering", <u>IDMC 2000</u> , pp. 185-189, August 2000.								
	25	H. Okumura et al., "A New Flicker-Reduction Drive Method for High-Resolution LCTVs", <u>SID '01 Digest</u> , pp. 551-554, 2001 (no month)								
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